

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 8, 2005, 07:01:10 ; Search time 509 Seconds

(without alignments)
8953.231 Million cell updates/sec

Title: US-09-939-537-32

Perfect score: 768

Sequence: 1 CCTACGAGAGCCCAATCTT.....GGGCTCTGAGACGAGATCC 768

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 5401638 seqs, 2966923429 residues 10803276

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Published Applications NA:*

1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
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18: /cgn2_6/ptodata/2/pubpna/US10F_PUBCOMB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
20: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*
21: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
22: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	768	100.0	10	US-09-939-537-32
2	696	90.6	16	US-10-363-427-9
3	695.2	90.5	18	US-10-617-619-13
4	695.2	90.5	18	US-10-617-619-10
5	695	90.5	16	US-10-363-427-15
6	695	90.5	16	US-10-363-427-13
7	695	90.5	16	US-10-363-427-11
8	694.8	90.5	17	US-10-452-646-10
9	694.4	90.4	16	US-10-363-427-1
10	694.4	90.4	17	US-10-452-646-10
11	694.4	90.4	9	US-09-335-697B-19

12	694.4	90.4	1428	17	US-10-384-356-19
13	694.4	90.4	1428	17	US-10-325-698-19
14	694.4	90.4	1431	9	US-09-758-173-3
15	694.4	90.4	1431	9	US-09-758-173-11
16	694.4	90.4	1431	9	US-09-948-4298-3
17	694.4	90.4	1431	9	US-09-948-4298-11
18	694.4	90.4	1431	13	US-10-124-905-3
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20	694.4	90.4	1431	13	US-10-073-138-2
21	694.4	90.4	1431	13	US-10-073-138-6
22	694.4	90.4	1431	16	US-10-124-807-3
23	694.4	90.4	1431	16	US-10-124-807-11
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25	694.4	90.4	1431	16	US-10-291-532-11
26	694.4	90.4	1437	9	US-09-758-173-7
27	694.4	90.4	1437	9	US-09-948-4298-7
28	694.4	90.4	1437	13	US-10-124-905-7
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31	694.4	90.4	1437	16	US-10-291-532-7
32	694.4	90.4	1487	16	US-10-363-427-5
33	694.4	90.4	9199	10	US-09-911-692-3
34	694.4	90.4	9209	10	US-09-911-703-3
35	694.4	90.4	9209	10	US-09-905-928-2
36	694.4	90.4	9209	14	US-10-096-964-2
37	694.4	90.4	9209	15	US-10-238-681-3
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41	694.4	90.4	9209	17	US-10-411-049-58
42	694.4	90.4	9209	18	US-10-410-930-58
43	694.4	90.4	9209	18	US-10-410-997-58
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45	694.4	90.4	9209	18	US-10-287-994-58

ALIGNMENTS

Sequence 19, Appl
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RESULT 1
US-09-939-537-32
Sequence 32, Application US/09939537
Publication No. US20030138410A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian
Banapur, Babak
Romeo, Charles
Kolans, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESS: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566

FILED DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 768 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-939-537-32

Query Match 100.0%; Score 768; DB 10; Length 768;
Best Local Similarity 100.0%; Pred. No. 7,8e-191;
Matches 768; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 GCTAGAGAGCCCAATCTTGTGACAAACTGACACATGCCGACCGTGCCGACGACCTGA 60
DB 1 GCTAGAGAGCCCAATCTTGTGACAAACTGACACATGCCGACCGTGCCGACGACCTGA 60
QY 61 ACTCTGGGGGGGACCGCTGAGTCTTCTCTTCCCCCAAAACCCAGAGACACCTTCATGAT 120
DB 61 ACTCTGGGGGGGACCGCTGAGTCTTCTCTTCCCCCAAAACCCAGAGACACCTTCATGAT 120
QY 121 CTCCGGGACCCCTGAGGTGACATGCTGTGTGTGACGTGAGCCAGAGACCTTGAGGT 180
DB 121 CTCCGGGACCCCTGAGGTGACATGCTGTGTGTGACGTGAGCCAGAGACCTTGAGGT 180
QY 181 CAAGTTCAACTGTGTCGTGACGCGGTGAGGTGATTAATGCCAAGCAAAAGCCGCGGGA 240
DB 181 CAAGTTCAACTGTGTCGTGACGCGGTGAGGTGATTAATGCCAAGCAAAAGCCGCGGGA 240
QY 241 GGAGAGATGACACAGCAGTACCGGGTGTGTCAGGTCCTCAACCGTCTGACAGAGACTG 300
DB 241 GGAGAGATGACACAGCAGTACCGGGTGTGTCAGGTCCTCAACCGTCTGACAGAGACTG 300
QY 301 GCTGATGGCAAGAGTACAGTGCAGGTCTCCAAAGACCTCCGACCCCATGCA 360
DB 301 GCTGATGGCAAGAGTACAGTGCAGGTCTCCAAAGACCTCCGACCCCATGCA 360
QY 361 GAAAACCATCTCCCAAGCCAAAGGGGACGCCCGGAGAAACAAGGTGACACCTGCGCCC 420
DB 361 GAAAACCATCTCCCAAGCCAAAGGGGACGCCCGGAGAAACAAGGTGACACCTGCGCCC 420
QY 421 ATCCCGGAGTGGTGAACAAGAACAGGTCAAGCTGACCTGCTGTGTAAGAGGCTTCTA 480
DB 421 ATCCCGGAGTGGTGAACAAGAACAGGTCAAGCTGACCTGCTGTGTAAGAGGCTTCTA 480
QY 481 TCCCAAGGACATGCGCCTGAGTGGGAGAGCAATGGGCAAGCGGAGAAACAATTAAAGC 540
DB 481 TCCCAAGGACATGCGCCTGAGTGGGAGAGCAATGGGCAAGCGGAGAAACAATTAAAGC 540
QY 541 CAGCGCTCCCGTGTGTCGACGACGCGCTCTTCTTCCCTTCAAGCAGCTCAACGTTGGA 600
DB 541 CAGCGCTCCCGTGTGTCGACGACGCGCTCTTCTTCCCTTCAAGCAGCTCAACGTTGGA 600
QY 601 CAAGAGCAGGTGGCAGCAGGGGAAAGCTTTCTCATGCTCCGAGTGCATGAGGCTCTGCA 660
DB 601 CAAGAGCAGGTGGCAGCAGGGGAAAGCTTTCTCATGCTCCGAGTGCATGAGGCTCTGCA 660
QY 661 CAACCACTACAGCAGAGAGAGCTCTCCCTGTCTCCGGGGCTGCAACTGACGAGACTG 720
DB 661 CAACCACTACAGCAGAGAGAGCTCTCCCTGTCTCCGGGGCTGCAACTGACGAGACTG 720
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QY 721 TGCTGAGGCCCAAGAGACGGGGAGCTGACGCGGCTCTGAGACGACGATCC 768
DB 721 TGCTGAGGCCCAAGAGACGGGGAGCTGACGCGGCTCTGAGACGACGATCC 768

RESULT 2
US-10-363-427-9
/ Sequence 9, Application US/10363427
/ Publication No. US20030195338A1
/ GENERAL INFORMATION:
/ APPLICANT: MedexGen Inc.
/ APPLICANT: CHUNG, Yong Hoon
/ APPLICANT: HAN, Ji Woong
/ APPLICANT: LEE, Hye Ja
/ APPLICANT: CHOI, Eun Yong
/ APPLICANT: KIM, Jin Mi
/ APPLICANT: YIM, Soo Bin
/ TITLE OF INVENTION: Concatameric Immunoadhesion
/ FILE REFERENCE:
/ CURRENT APPLICATION NUMBER: US/10/363,427
/ CURRENT FILING DATE: 2003-02-28
/ NUMBER OF SEQ ID NOS: 52
/ SOFTWARE: Kopatentin 1.71
/ SEQ ID NO 9
/ LENGTH: 1827
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (1)..(1824)
/ OTHER INFORMATION: mgTNFR1-TNFR1-1gG
/ FEATURE:
/ NAME/KEY: C region
/ LOCATION: (1126)..(1827)
/ OTHER INFORMATION: Hinge, CH2, CH3 region
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (160)..(168)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (433)..(441)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (451)..(459)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (565)..(573)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (574)..(582)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (592)..(600)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (610)..(618)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (925)..(933)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (943)..(951)
/ OTHER INFORMATION: N-linked glycosylation site
/ FEATURE:
/ NAME/KEY: primer_bind
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LOCATION: (1)..(15)
OTHER INFORMATION: PCR primer SEQ ID : 25 binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (545)..(606)
OTHER INFORMATION: PCR primer SEQ ID : 37(antisense) binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (559)..(621)
OTHER INFORMATION: PCR primer SEQ ID : 36 binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1108)..(1144)
OTHER INFORMATION: PCR primer SEQ ID : 26(antisense) binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1108)..(1144)
OTHER INFORMATION: PCR primer SEQ ID : 27 binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1804)..(1827)
OTHER INFORMATION: PCR primer SEQ ID : 28(antisense) binding site
FEATURE:
NAME/KEY: sig_peptide
LOCATION: (1)..(60)
OTHER INFORMATION: signal peptide
US-10-363-427-9

Query Match 90.6%; Score 696; DB 16; Length 1827;
Best Local Similarity 100.0%; Pred. No. 5.2e-172;
Matches 696; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 AGAGAGCCCAATCTTGAGCAAACTGCACATGCCACCGGCCACCACTGAACT 63
DB 1125 AGAGAGCCCAATCTTGAGCAAACTGCACATGCCACCGGCCACCACTGAACT 1184
QY 64 CCGGAGGAGGACCGTCACTCTTCTTCCGCCAAAACCAAGAGACCTCATGATCTC 123
DB 1185 CCGGAGGAGGACCGTCACTCTTCTTCCGCCAAAACCAAGAGACCTCATGATCTC 1244
QY 124 CCGGAGCCCTGAGGTCAATGCTGTGTGAGAGCTGAGGCCACGAGAGACCTTGAAGTCAA 183
DB 1245 CCGGAGCCCTGAGGTCAATGCTGTGTGAGAGCTGAGGCCACGAGAGACCTTGAAGTCAA 1304
QY 184 GTTCACTGTGATAGTGAACGGGCTGAGAGTGCATTAATGCCAAGACAAAGCCGGGAGAGA 243
DB 1305 GTTCACTGTGATAGTGAACGGGCTGAGAGTGCATTAATGCCAAGACAAAGCCGGGAGAGA 1364
QY 244 GCAGTCAACAGACGTAACGGGCTGAGAGTGCATTAATGCCAAGACAAAGCCGGGAGAGA 303
DB 1365 GCAGTCAACAGACGTAACGGGCTGAGAGTGCATTAATGCCAAGACAAAGCCGGGAGAGA 1424
QY 304 GAAATGCAAGAGTCAAGTCAAGTCTTCCAAAGCCCTCCAGCCCTCCATCGAGAA 363
DB 1425 GAAATGCAAGAGTCAAGTCAAGTCTTCCAAAGCCCTCCAGCCCTCCATCGAGAA 1484
QY 364 AACCATCTCCAAAGCCCAAGGAGGAGCCCGAGAAACCAAGTGTACACCTTGGCCCATC 423
DB 1485 AACCATCTCCAAAGCCCAAGGAGGAGCCCGAGAAACCAAGTGTACACCTTGGCCCATC 1544
QY 424 CCGGAGTGAAGTCAACCAAGACAGTCAAGTCAAGTCTTCCAAAGCCCTTCTATCC 483
DB 1545 CCGGAGTGAAGTCAACCAAGACAGTCAAGTCAAGTCTTCCAAAGCCCTTCTATCC 1604
QY 484 CAGCGAATTCGCGGTGAGTGGAGAGCAATGGGACGCGAGAAACCTTCAAGACAC 543
DB 1605 CAGCGAATTCGCGGTGAGTGGAGAGCAATGGGACGCGAGAAACCTTCAAGACAC 1664
QY 544 GCTCTCCGCTGCTGAGTCCGAGCGGCTCTTCTTCTTCAAGAGTCAACGCTGGAGCAA 603
DB 1665 GCTCTCCGCTGCTGAGTCCGAGCGGCTCTTCTTCTTCAAGAGTCAACGCTGGAGCAA 1724
QY 604 GAGCAGGTGAGCAGGAGGAAAGCTTCTCATGCTCGGTGATGATGAGGCTTGCACAA 663

DB 1725 GAGCAGGTGAGCAGGAGGAAAGCTTCTCATGCTCGGTGATGATGAGGCTTGCACAA 1784
QY 664 CCACTACAGCGCAAGAGAGCTTCCCTGTCTCCGGG 699
DB 1785 CCACTACAGCGCAAGAGAGCTTCCCTGTCTCCGGG 1820

RESULT 3

US-10-617-619-13
Sequence 13, Application US/10617619
Publication No. US20040110929A1
GENERAL INFORMATION:
APPLICANT: Bjorn, Soren E
APPLICANT: Nicolaesen, Elae M
APPLICANT: Jorgensen, Anker S
TITLE OF INVENTION: TF Binding Compound
FILE REFERENCE: 6455.200-US
CURRENT APPLICATION NUMBER: US/10/617,619
CURRENT FILING DATE: 2003-07-11
PRIOR APPLICATION NUMBER: Danish Application No. PA 2002 01099
PRIOR FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: US 60/404,568
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13
LENGTH: 7427
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
US-10-617-619-13

Query Match 90.5%; Score 695.2; DB 18; Length 7427;
Best Local Similarity 98.2%; Pred. No. 9.2e-172;
Matches 703; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 5 GCAGAGCCCAATCTTGAGCAAACTGCACATGCCACCGGCCACCACTGAACTC 64
DB 1349 GCAGAGCCCAATCTTGAGCAAACTGCACATGCCACCGGCCACCACTGAACTC 1408
QY 65 CCGGAGGAGGACCGTCACTCTTCTTCCGCCAAAACCAAGAGACCTCATGATCTCC 124
DB 1409 CCGGAGGAGGACCGTCACTCTTCTTCCGCCAAAACCAAGAGACCTCATGATCTCC 1468
QY 125 CCGAGCCCTGAGGTCAATGCTGTGTGAGAGCTGAGGCCACGAGAGACCTTGAAGTCAA 184
DB 1469 CCGAGCCCTGAGGTCAATGCTGTGTGAGAGCTGAGGCCACGAGAGACCTTGAAGTCAA 1528
QY 185 TTCACTGTGATAGTGAACGGGCTGAGAGTGCATTAATGCCAAGACAAAGCCGGGAGAGA 244
DB 1529 TTCACTGTGATAGTGAACGGGCTGAGAGTGCATTAATGCCAAGACAAAGCCGGGAGAGA 1588
QY 245 CAGTCAACAGACGTAACGGGCTGAGAGTGCATTAATGCCAAGACAAAGCCGGGAGAGA 304
DB 1589 CAGTCAACAGACGTAACGGGCTGAGAGTGCATTAATGCCAAGACAAAGCCGGGAGAGA 1648
QY 305 AATGGAAGAGTCAAGTCAAGTCTTCCAAAGCCCTCCAGCCCTCCATCGAGAA 364
DB 1649 AATGGAAGAGTCAAGTCAAGTCTTCCAAAGCCCTCCAGCCCTCCATCGAGAA 1708
QY 365 ACCATCTCCAAAGCCCAAGGAGGAGCCCGAGAAACCAAGTGTACACCTTGGCCCATC 424
DB 1709 ACCATCTCCAAAGCCCAAGGAGGAGCCCGAGAAACCAAGTGTACACCTTGGCCCATC 1768
QY 425 CCGGAGTGAAGTCAACCAAGACAGTCAAGTCAAGTCTTCCAAAGCCCTTCTATCC 484
DB 1769 CCGGAGTGAAGTCAACCAAGACAGTCAAGTCAAGTCTTCCAAAGCCCTTCTATCC 1828
QY 485 AGCAGATTCGCGGTGAGTGGAGAGCAATGGGACGCGAGAAACCTTCAAGACAC 544
DB 1829 AGCAGATTCGCGGTGAGTGGAGAGCAATGGGACGCGAGAAACCTTCAAGACAC 1888

QY	545	CTCCCGCTCTGGACTTCGACGGCTCTCTCTCTACAGCAAGCTCACCTGGACAAG	604
Db	1889	CTTCCTCGGTGCTGGACTTCGACGGCTCTCTCTCTCTACAGCAAGCTCACCTGGACAAG	
QY	605	AGCAGGTGGACGACGGGGAACGCTCTTCTCAATGCTCCGATGATGATAGGCTTGACAAC	1948
Db	1949	AGCAGGTGGACGACGGGGAACGCTCTTCTCAATGCTCCGATGATGATAGGCTTGACAAC	664
QY	665	CACCTACACGACAGAAAGCCTCTCCCTGTCTCCGGGCTGCAACTGACACAGACTCTG	2008
Db	2009	CACCTACACGACAGAAAGCCTCTCCCTGTCTCCGGGTAATGAAAGGGCAATTTG	2064

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RESULT 4
US-10-617-619-10
; Sequence 10 Application US/10617619
; Publication No. US20040110929A1
; GENERAL INFORMATION:
; APPLICANT: Bjorn, Soren E
; APPLICANT: Nicolaisen, Else M
; TITLE OF INVENTION: TF Binding Compound
; FILE REFERENCE: 6455.200-US
; CURRENT APPLICATION NUMBER: US/10/617,619
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: Danish Application No. PA 2002 010999
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 2002-08-16
; PRIOR FILING DATE: 2002-08-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 7493
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-617-619-10

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Query Match	90.5%	Score 695.2;	DB 18;	Length 7493
Best Local Similarity	98.2%;	Pred. No. 9.2e-172;		
Matches 703;	Conservation			

QY	5	GCAGAGCCCAATCTTGTGACAAAACTCACACATGCCCAACCGTGCCCAAGCCTGAATC	64
Db	1415	GCAGAGCCCAATCTTGTGACAAAACTCACATGCCCCGCGCCACCTGAATC	64
QY	65	CTGGGGGGGACCGTGAAGTCTTCTCTTCCCGCAAAACCAAGACACCTCATATCTCC	1474
Db	1475	CTGGGGGGGACCGTGAAGTCTTCTCTTCCCGCAAAACCAAGACACCTCATATCTCC	1534
QY	125	CGGACCCCTGAGGTCACATGCGGTGGTGTGAGCGTGAGCAGAGACCTGAAGTCAAG	184
Db	1535	CGGACCCCTGAGGTCACATGCGGTGGTGTGAGCGTGAGCAGAGACCTGAAGTCAAG	1594
QY	185	TTCAACTGTGATCGTGAACGCGCGTGAAGTGCAATATGCCAAGACAAAGCCGCGGAGAG	244
Db	1595	TTCAACTGTGATCGTGAACGCGCGTGAAGTGCAATATGCCAAGACAAAGCCGCGGAGAG	1654
QY	245	CAGTACAAACGACGTAACGCGGTGTCAAGCGTCTCAACCGTCTGAGCACAGACTGGCTG	304
Db	1655	CATTAACAACGACGTAACGGTGTGTGACGCGTCTCAACCGTCTGTGACACAGACTGGCTG	1714
QY	305	AATGGCAAGAGTACAAGTGCAAGTCTTCCAAACAAAGCCCTCCAGGCCCATTCGAGAA	364
Db	1715	AATGGCAAGAGTACAAGTGCAAGTCTTCCAAACAAAGCCCTCCAGGCCCATTCGAGAA	1774
QY	365	ACCAATCTCCAAAGCCAAAGGGCAGCCCGAGAAACCAAGGTGTACACCTGCGCCCATTC	424
Db	1775	ACCAATCTCCAAAGCCAAAGGGCAGCCCGAGAAACCAAGGTGTACACCTGCGCCCATTC	1834
QY	425	CGGAGTAGTGACCAAGAACCAAGTCAAGCTTGAACCTGCTGATCAAGAGCTTATATCC	484

Db 1835 CCGGATGAGCTGACCAAGAACCGAGGTGACCTGACCTGCTGGTCAAAAGGCTTTATCC 1894

Qy 485 AGCCACATTCGCGCTGAGATGGGAGGCAATGGGCGACCTGGAGAACATTAACAAGCCAG 544

Db 1895 AGCACAATCCCGCTGGAGTGGGAGACAAATGGGACGCGGAGAAACAATCAAGACCCAG 1954

Qy 545 CCTCCGCTGTGGACATCCGACGGCTCTTTCTTCTTACAGCAAGGTCAACGCTGAGCAAG 604

Db 1955 CCTCCGCTGTGGACATCCGACGGCTCTTTCTTCTTACAGCAAGGTCAACGCTGAGCAAG 2014

Qy 605 AGCAGGTGCGACAGAGGGGAAGCTTTCTTCAATGCTCCGTATCATAGAGCTTCGACAC 664

Db 2015 AGCAGGTGCGACAGAGGGGAAGCTTTCTTCAATGCTCCGTATCATAGAGCTTCGACAC 2074

Qy 665 CACTACAGCCAGAAAGGCTCTCTCCGTCTCCGAGGCTCAACTGAGAGACCTG 720

Db 2075 CACTACAGCCAGAAAGGCTCTCTCCGTCTCCGAGGTAATGAAAGGCGAATTTTG 2130

RESULT 5
US-10-363-427-15

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1 // Sequence 15, Application US/10363427
2 // Publication No. US20030195338A1
3 // GENERAL INFORMATION:
4 // APPLICANT: MedExGen Inc.
5 // APPLICANT: CHUNG, Yong Hoon
6 // APPLICANT: HAN, Ji Woong
7 // APPLICANT: LEE, Hye Ya
8 // APPLICANT: CHOI, Eun Yong
9 // APPLICANT: KIM, Jin Mi
10 // APPLICANT: YIM, Soo Bin
11 // TITLE OF INVENTION: Concatemeric Immunoadhesion
12 // FILE REFERENCE:
13 // CURRENT APPLICATION NUMBER: US/10/363,427
14 // CURRENT FILING DATE: 2003-02-28
15 // NUMBER OF SEQ ID NOS: 52
16 // SOFTWARE: KopatentIn 1.71
17 // SEQ ID NO 15

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1  LENGTH: 1134
2  TYPE: DNA
3  ORGANISM: Homo sapiens
4  FEATURE:
5  NAME/KEY: CDS
6  LOCATION: (1)..(1131)
7  OTHER INFORMATION: CTTA4-1Gg
8  FEATURE:
9  NAME/KEY: C_region
10 LOCATION: (433)..(1134)
11 OTHER INFORMATION: Hinge, CH2, CH3 region
12 FEATURE:
13 NAME/KEY: misc_signal
14 LOCATION: (289)..(297)
15 OTHER INFORMATION: N-linked glycosylation site
16 FEATURE:
17 NAME/KEY: misc_signal
18 LOCATION: (385)..(393)
19 OTHER INFORMATION: N-linked glycosylation site
20 FEATURE:
21 NAME/KEY: primer_bind
22 LOCATION: (1)..(15)
23 OTHER INFORMATION: PCR primer SEQ ID : 43 binding site
24 FEATURE:
25 NAME/KEY: primer_bind
26 LOCATION: (409)..(438)
27 OTHER INFORMATION: PCR primer SEQ ID : 44(antisense) binding site
28 FEATURE:
29 NAME/KEY: primer_bind
30 LOCATION: (430)..(453)
31 OTHER INFORMATION: PCR primer SEQ ID : 42 binding site
32 NAME/KEY: primer_bind
33 LOCATION: (1111)..(1134)

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OTHER INFORMATION: PCR primer SEQ ID : 28 (antisense) binding site
 FEATURE:
 NAME/KEY: sig_peptide
 LOCATION: (1)..(63)
 OTHER INFORMATION: signal peptide
 US-10-363-427-15

Query Match 90.5%; Score 695; DB 16; Length 1134;
 Best Local Similarity 100.0%; Pred. No. 9.3e-172;
 Matches 695; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 GCAGAGCCCAAACTCTTGTGACAAACTCAGACATGCCACCGTGCCAGCACTGAATC 64
 DB 433 GCAGAGCCCAAACTCTTGTGACAAACTCAGACATGCCACCGTGCCAGCACTGAATC 492
 QY 65 CTGGGGGGGACCGGTCACTCTCTCTTCCCGCCCAAAACCGAAGACACCTCATGATCTCC 124
 DB 493 CTGGGGGGGACCGGTCACTCTCTCTTCCCGCCCAAAACCGAAGACACCTCATGATCTCC 552
 QY 125 CGGACCCCTGAGGTCACTGCGTGTGTGAGCGTGAGCCAGAGACCTGAGGTCAAG 184
 DB 553 CGGACCCCTGAGGTCACTGCGTGTGTGAGCGTGAGCCAGAGACCTGAGGTCAAG 612
 QY 185 TTCACTGTGACGTGACCGCGTGTGAGGTCAATATGCCAAGACAAAGCCGCGAGAGAG 244
 DB 613 TTCACTGTGACGTGACCGCGTGTGAGGTCAATATGCCAAGACAAAGCCGCGAGAGAG 672
 QY 245 CAGTACACACGACGTCACCGGGTGTGACGCTCTCAACCGTCTGACACGACTGGCTG 304
 DB 673 CAGTACACACGACGTCACCGGGTGTGACGCTCTCAACCGTCTGACACGACTGGCTG 732
 QY 305 AATGGACAGAGGTACAGGTGCAAGGTCTCCAAACAAAGCCCTCCAGCCCGCATGAGAAA 364
 DB 733 AATGGACAGAGGTACAGGTGCAAGGTCTCCAAACAAAGCCCTCCAGCCCGCATGAGAAA 792
 QY 365 ACCATCTCCAAAGCCAAAGGCGACCCCGAAGAACCAAGGTGTACACCTGCCCCATCC 424
 DB 793 ACCATCTCCAAAGCCAAAGGCGACCCCGAAGAACCAAGGTGTACACCTGCCCCATCC 852
 QY 425 CGGAGTGAAGTGAACCAAGAACCAAGGTGACGCTGCTGTCTCAAAAGCTTCTATCCC 484
 DB 853 CGGAGTGAAGTGAACCAAGAACCAAGGTGACGCTGCTGTCTCAAAAGCTTCTATCCC 912
 QY 485 AGGCATCGACGCGTGAAGTGAAGAGCAATGGGAGCGGAGAACCACTACAGACCAAG 544
 DB 913 AGGCATCGACGCGTGAAGTGAAGAGCAATGGGAGCGGAGAACCACTACAGACCAAG 972
 QY 545 CCTCCGCTGTGACTCCGACGCGCTCTTCTCTCTTACAGCAAGCTCACCGTGAACAG 604
 DB 973 CCTCCGCTGTGACTCCGACGCGCTCTTCTCTCTTACAGCAAGCTCACCGTGAACAG 1032
 QY 605 AGCAGGTGCGACGAGGGGAAAGTCTTCTCATGCTCCGTATGATGAGGCTTGACACAC 664
 DB 1033 AGCAGGTGCGACGAGGGGAAAGTCTTCTCATGCTCCGTATGATGAGGCTTGACACAC 1092
 QY 665 CACTACACGAGAAAGCCTCTCCCTGTCTCCCGGG 699
 DB 1093 CACTACACGAGAAAGCCTCTCCCTGTCTCCCGGG 1127

RESULT 6
 US-10-363-427-13
 Sequence 13, Application US/10363427
 Publication No. US20030195338A1
 GENERAL INFORMATION:
 APPLICANT: Medexgen Inc.
 APPLICANT: CHUNG, Yong Hoon
 APPLICANT: HAN, Ji Moong
 APPLICANT: LEE, Hye Ja
 APPLICANT: CHOI, Eun Yong
 APPLICANT: KIM, Jin Mi
 APPLICANT: YIM, Soo Bin
 TITLE OF INVENTION: Concatameric Immunoadhesion

FILE REFERENCE:
 CURRENT APPLICATION NUMBER: US/10/363,427
 CURRENT FILING DATE: 2003-02-28
 NUMBER OF SEQ ID NOS: 52
 SOFTWARE: Kopatentin 1.71
 SEQ ID NO: 13
 LENGTH: 1314

TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (1)..(1311)
 OTHER INFORMATION: CD2-19G
 FEATURE:
 NAME/KEY: C region
 LOCATION: (613)..(1314)
 OTHER INFORMATION: Hinge, CH2, CH3 region
 FEATURE:
 NAME/KEY: misc_signal
 LOCATION: (421)..(429)
 OTHER INFORMATION: N-linked glycosylation site
 FEATURE:
 NAME/KEY: misc_signal
 LOCATION: (448)..(456)
 OTHER INFORMATION: N-linked glycosylation site
 FEATURE:
 NAME/KEY: primer_bind
 LOCATION: (1)..(27)
 OTHER INFORMATION: PCR primer SEQ ID : 40 binding site
 FEATURE:
 NAME/KEY: primer_bind
 LOCATION: (611)..(633)
 OTHER INFORMATION: PCR primer SEQ ID : 42 binding site
 FEATURE:
 NAME/KEY: primer_bind
 LOCATION: (1292)..(1314)
 OTHER INFORMATION: PCR primer SEQ ID : 28 (antisense) binding site
 NAME/KEY: sig_peptide
 LOCATION: (1)..(72)
 OTHER INFORMATION: signal peptide
 US-10-363-427-13

Query Match 90.5%; Score 695; DB 16; Length 1314;
 Best Local Similarity 100.0%; Pred. No. 9.4e-172;
 Matches 695; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 GCAGAGCCCAAACTCTTGTGACAAACTCAGACATGCCACCGTGCCAGCACTGAATC 64
 DB 613 GCAGAGCCCAAACTCTTGTGACAAACTCAGACATGCCACCGTGCCAGCACTGAATC 672
 QY 65 CTGGGGGGGACCGGTCACTCTCTCTTCCCGCCCAAAACCGAAGACACCTCATGATCTCC 124
 DB 673 CTGGGGGGGACCGGTCACTCTCTCTTCCCGCCCAAAACCGAAGACACCTCATGATCTCC 732
 QY 125 CGGACCCCTGAGGTCACTGCGTGTGTGAGCGTGAGCCAGAGACCTGAGGTCAAG 184
 DB 733 CGGACCCCTGAGGTCACTGCGTGTGTGAGCGTGAGCCAGAGACCTGAGGTCAAG 792
 QY 185 TTCACTGTGACGTGACCGCGTGTGAGGTCAATATGCCAAGACAAAGCCGCGAGAGAG 244
 DB 793 TTCACTGTGACGTGACCGCGTGTGAGGTCAATATGCCAAGACAAAGCCGCGAGAGAG 852
 QY 245 CAGTACACACGACGTCACCGGGTGTGACGCTCTCAACCGTCTGACACGACTGGCTG 304

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Db 853 CAGTACACAGCAGCCTACCGGGTGTGACGCTCTCACCGTCTGCAACGAGATGGCTG 912
Qy 305 AATGGCAAGAGTACAGTGCAGAGTCTTCCAAACAAAGCTTCCCGCCCGCCATGGAGAA 364
Db 913 AATGGCAAGAGTACAGTGCAGAGTCTTCCAAACAAAGCTTCCCGCCCGCCATGGAGAA 972
Qy 365 ACCATCTCCAAAGCCAAAGGGAGCGCCCGAGAACCAAGGTATACCTGCCCCATCC 424
Db 973 ACCATCTCCAAAGCCAAAGGGAGCGCCCGAGAACCAAGGTATACCTGCCCCATCC 1032
Qy 425 CGGGATGAGCTGACCAAGAACCAAGTACGCTGACCTGCTGCTGCTTCAAGGCTTCTATCC 484
Db 1033 CGGGATGAGCTGACCAAGAACCAAGTACGCTGACCTGCTGCTGCTTCAAGGCTTCTATCC 1092
Qy 485 AGCGACATGCGCTGAGTGGGAGAGCAATGGGACCGGAGAACCACTACAAAGCAACG 544
Db 1093 AGCGACATGCGCTGAGTGGGAGAGCAATGGGACCGGAGAACCACTACAAAGCAACG 1152
Qy 545 CTTCCCGTGTGAGCTCCGACGCGCTCTTCTTCTCTACAGCAAGCTCACCGTGGACAG 604
Db 1153 CTTCCCGTGTGAGCTCCGACGCGCTCTTCTTCTCTACAGCAAGCTCACCGTGGACAG 1212
Qy 605 AGCAGGTGGACGAGGGGAACTTCTTCAATGCTGATGATGAGGCTTGACAAAC 664
Db 1213 AGCAGGTGGACGAGGGGAACTTCTTCAATGCTGATGATGAGGCTTGACAAAC 1272
Qy 665 CACTACACGAGAAAGAGCTCTCCCTGCTCCGAG 699
Db 1273 CACTACACGAGAAAGAGCTCTCCCTGCTCCGAG 1307
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RESULT 7
US-10-363-427-11

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Sequence 11, Application US/10363427
Publication No. US20030195338A1
GENERAL INFORMATION:
APPLICANT: Medexgen Inc.
APPLICANT: CHUNG, Yong Hoon
APPLICANT: HAN, Ji Moong
APPLICANT: LEE, Hye Ja
APPLICANT: CHOI, Eun Yong
APPLICANT: KIM, Jin Mi
APPLICANT: YIM, Soo Bin
TITLE OF INVENTION: Concatameric Immunoadhesion
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/363,427
CURRENT FILING DATE: 2003-02-28
NUMBER OF SEQ ID NOS: 52
SOFTWARE: Koparentin 1.71
SEQ ID NO 11
LENGTH: 1980
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(1977)
OTHER INFORMATION: mgTmFR2-TmFR2-IgG
FEATURE:
NAME/KEY: C_region
LOCATION: (1279)..(1980)
OTHER INFORMATION: Hinge, CH2, CH3 region
FEATURE:
NAME/KEY: misc_signal
LOCATION: (511)..(519)
OTHER INFORMATION: N-linked glycosylation site
FEATURE:
NAME/KEY: misc_signal
LOCATION: (577)..(585)
OTHER INFORMATION: N-linked glycosylation site
FEATURE:
NAME/KEY: misc_signal
LOCATION: (595)..(603)
OTHER INFORMATION: N-linked glycosylation site
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FEATURE:
NAME/KEY: misc_signal
LOCATION: (616)..(624)
OTHER INFORMATION: N-linked glycosylation site
FEATURE:
NAME/KEY: misc_signal
LOCATION: (1018)..(1026)
OTHER INFORMATION: N-linked glycosylation site
FEATURE:
NAME/KEY: misc_signal
LOCATION: (1084)..(1092)
OTHER INFORMATION: N-linked glycosylation site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1)..(15)
OTHER INFORMATION: PCR primer SEQ ID : 29 binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (586)..(627)
OTHER INFORMATION: PCR primer SEQ ID : 39(antisense) binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (586)..(630)
OTHER INFORMATION: PCR primer SEQ ID : 38 binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1261)..(1296)
OTHER INFORMATION: PCR primer SEQ ID : 30(antisense) binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1261)..(1296)
OTHER INFORMATION: PCR primer SEQ ID : 31 binding site
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1957)..(1980)
OTHER INFORMATION: PCR primer SEQ ID : 28(antisense) binding site
FEATURE:
NAME/KEY: sig_peptide
LOCATION: (1)..(66)
OTHER INFORMATION: signal peptide
US-10-363-427-11
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Query Match 90.5%; Score 695; DB 16; Length 1980;
Best Local Similarity 100.0%; Pred. No. 9.6e-172;
Matches 695; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 5 GCAGAGCCCAAAATCTTGTGACAAACTCAACATGCCCCCGTGGCCCGACCTGAATC 64
Db 1279 GCAGAGCCCAAAATCTTGTGACAAACTCAACATGCCCCCGTGGCCCGACCTGAATC 1338
Qy 65 CTGGGGGGAGCCGTCAGTCTTCCCTTCCCCCAAAACCAAGGACACCTCATGATCTCC 124
Db 1339 CTGGGGGGAGCCGTCAGTCTTCCCTTCCCCCAAAACCAAGGACACCTCATGATCTCC 1398
Qy 125 CGGACCCCTGAGGTGACATGCGTGTGTGTGACGTGAGCCACGAACACCTTAGGTCAAG 184
Db 1399 CGGACCCCTGAGGTGACATGCGTGTGTGTGACGTGAGCCACGAACACCTTAGGTCAAG 1458
Qy 185 TTCAACTGTGACGTGACGCGCGTGGAGGTGCATTAATGCCAAAGCGCGGAGAG 244
Db 1459 TTCAACTGTGACGTGACGCGCGTGGAGGTGCATTAATGCCAAAGCGCGGAGAG 1518
Qy 245 CAGTACACAGCAGTACCGGGTGTGACGCTCTCAACGCTCTGCAACGAGACTGGCTG 304
Db 1519 CAGTACACAGCAGTACCGGGTGTGACGCTCTCAACGCTCTGCAACGAGACTGGCTG 1578
Qy 305 AATGGCAAGAGTACAGTGCAGAGTCTTCCAAACAAAGCTTCCCGCCCGCCATGGAGAA 364
Db 1579 AATGGCAAGAGTACAGTGCAGAGTCTTCCAAACAAAGCTTCCCGCCCGCCATGGAGAA 1638
Qy 365 ACCATCTCCAAAGCCAAAGGGAGCGCCCGAGAACCAAGGTATACCTGCCCCATCC 424
Db 1639 ACCATCTCCAAAGCCAAAGGGAGCGCCCGAGAACCAAGGTATACCTGCCCCATCC 1698
```

QY 425 CCGGATGAGCTGACCAAGAACAGGTCAAGCTGACCTGCTCAAGAGCTTCTATCCC 484
 DB 1699 CCGGATGAGCTGACCAAGAACAGGTCAAGCTGACCTGCTCAAGAGCTTCTATCCC 1758
 QY 485 AGGACATGCGCTGAGTGGGAGAGCAATGGGAGCCGGAGAACAACTCAAGACCAAG 544
 DB 1759 AGGACATGCGCTGAGTGGGAGAGCAATGGGAGCCGGAGAACAACTCAAGACCAAG 1818
 QY 545 CCGCGCTGCTGAGCTCCGAGCGGCTCTTCTCTCAAGCAAGCTCAAGCTGAGCAAG 604
 DB 1819 CCGCGCTGCTGAGCTCCGAGCGGCTCTTCTCTCAAGCAAGCTCAAGCTGAGCAAG 1878
 QY 605 AGCAGGTGGGAGGAGGAGAACTCTTCTCATGCTCCGTGATGATGAGGCTTGCACAC 664
 DB 1879 AGCAGGTGGGAGGAGGAGAACTCTTCTCATGCTCCGTGATGATGAGGCTTGCACAC 1938
 QY 665 CACTACACGCAAGAGAGCTCTCCCTGCTCTCCGAG 699
 DB 1939 CACTACACGCAAGAGAGCTCTCCCTGCTCTCCGAG 1973

RESULT 8
 US-10-452-646-10
 ; Sequence 10, Application US/10452646
 ; Publication No. US20040018593A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Carton, Jill M.
 ; APPLICANT: Staquet, Kimberly C.
 ; APPLICANT: Scallion, Bernard J.
 ; APPLICANT: Jili, Giles-Komar
 ; TITLE OF INVENTION: ANTI-RELP FUSION ANTIBODIES, COMPOSITIONS, METHODS AND USES
 ; FILE REFERENCE: CEN0296 NP
 ; CURRENT APPLICATION NUMBER: US/10/452,646
 ; CURRENT FILING DATE: 2003-06-02
 ; PRIOR APPLICATION NUMBER: US 60/385,305
 ; PRIOR FILING DATE: 2002-06-03
 ; NUMBER OF SEQ ID NOS: 43
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 10
 ; LENGTH: 1104
 ; TYPE: DNA
 ; ORGANISM: homo sapiens
 US-10-452-646-10

Query Match 90.5%; Score 694.8; DB 17; Length 1104;
 Best Local Similarity 99.7%; Pred. No. 1e-171;
 Matches 696; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 CTGACAGAGCCCAAAATCTTGTGACAAACACACATGCCCCACCGTGGCCAGACCTGAA 61
 DB 400 CCAACGAGCCCAAAATCTTGTGACAAACACACATGCCCCACCGTGGCCAGACCTGAA 459
 QY 62 CTCCTGGGGGAGCGTCACTCTTCTCTTCCCAAAACCAAGACACCTCATGATC 121
 DB 460 CTCCTGGGGGAGCGTCACTCTTCTCTTCCCAAAACCAAGACACCTCATGATC 519
 QY 122 TCCCGAACCCCTGAGTCAATGCGTGTGTGTGAGTGGACCAAGAACCTTGAAGTTC 181
 DB 520 TCCCGAACCCCTGAGTCAATGCGTGTGTGTGAGTGGACCAAGAACCTTGAAGTTC 579
 QY 182 AAGTTCAATGTAAGTGAAGCGGCGTGGAGTGCATTAATGCAAGAACCAAGCCGCGGAG 241
 DB 580 AAGTTCAATGTAAGTGAAGCGGCGTGGAGTGCATTAATGCAAGAACCAAGCCGCGGAG 639
 QY 242 GAGCAGTACAAAGCAAGTACCGGGGTGTGAGGCTCTCAACGCTCTGCAAGACCTGAG 301
 DB 640 GAGCAGTACAAAGCAAGTACCGGGGTGTGAGGCTCTCAACGCTCTGCAAGACCTGAG 659
 QY 302 CTGAATGGCAAGAGTACAAAGTGAAGTCTCAACCAAGCCCTCCAGCCCAATGAG 361
 DB 700 CTGAATGGCAAGAGTACAAAGTGAAGTCTCAACCAAGCCCTCCAGCCCAATGAG 759

QY 362 AAAACATCTCCAAAGCAAGAGGAGCCCGAGAAACACAGGTGTACACCTTCCGCCCA 421
 DB 760 AAAACATCTCCAAAGCAAGAGGAGCCCGAGAAACACAGGTGTACACCTTCCGCCCA 819
 QY 422 TCCCGGATGAGTGTACCAAGAACCAAGTACCTGACCTGCTGCTCAAGAGCTTCTAT 481
 DB 820 TCCCGGATGAGTGTACCAAGAACCAAGTACCTGACCTGCTGCTCAAGAGCTTCTAT 879
 QY 482 CCCAGGACATGCGCTGAGTGGGAGAGCAATGGGAGCCGGAGAACAACTCAAGAC 541
 DB 880 CCCAGGACATGCGCTGAGTGGGAGAGCAATGGGAGCCGGAGAACAACTCAAGAC 939
 QY 542 ACGCTCCCGTGTGAGTCTCCGAGCGGCTCTTCTCTCAAGCAAGCTCAAGCTGAG 601
 DB 940 ACGCTCCCGTGTGAGTCTCCGAGCGGCTCTTCTCTCAAGCAAGCTCAAGCTGAG 999
 QY 602 AAGAGAGGTGGGAGGAGGAGAACTCTTCTCATGCTCCGTGATGATGAGGCTTGCAC 661
 DB 1000 AAGAGAGGTGGGAGGAGGAGAACTCTTCTCATGCTCCGTGATGATGAGGCTTGCAC 1059
 QY 662 AACCACTACACGCAAGAGAGCTCTCCCTGCTCTCCGAG 699
 DB 1060 AACCACTACACGCAAGAGAGCTCTCCCTGCTCTCCGAG 1097

RESULT 9
 US-10-363-427-1
 ; Sequence 1, Application US/10363427
 ; Publication No. US20030195358A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Medexgen Inc.
 ; APPLICANT: Chung, Yong Hoon
 ; APPLICANT: Han, Ji Woong
 ; APPLICANT: Lee, Hye Ja
 ; APPLICANT: Choi, Eun Yong
 ; APPLICANT: Kim, Jin Mi
 ; APPLICANT: Yim, Soo Bin
 ; TITLE OF INVENTION: Concatametric Immunoadhesion
 ; FILE REFERENCE:
 ; CURRENT APPLICATION NUMBER: US/10/363,427
 ; CURRENT FILING DATE: 2003-02-28
 ; NUMBER OF SEQ ID NOS: 52
 ; SOFTWARE: Kopatentin 1.71
 ; SEQ ID NO 1
 ; LENGTH: 1335
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)..(1332)
 ; OTHER INFORMATION: TNFR1-IgG
 ; FEATURE:
 ; NAME/KEY: C_region
 ; LOCATION: (634)..(1335)
 ; OTHER INFORMATION: Hinge, CH2, CH3 region
 ; FEATURE:
 ; NAME/KEY: misc signal
 ; LOCATION: (160)..(168)
 ; OTHER INFORMATION: N-linked glycosylation site
 ; FEATURE:
 ; NAME/KEY: misc signal
 ; LOCATION: (433)..(441)
 ; OTHER INFORMATION: N-linked glycosylation site
 ; FEATURE:
 ; NAME/KEY: misc signal
 ; LOCATION: (451)..(459)
 ; OTHER INFORMATION: N-linked glycosylation site
 ; FEATURE:
 ; NAME/KEY: primer bind
 ; LOCATION: (1)..(15)
 ; OTHER INFORMATION: PCR primer SEQ ID : 25 binding site
 ; FEATURE:
 ; NAME/KEY: primer_bind


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/ LOCATION: (616)..(652)
/ OTHER INFORMATION: PCR primer SEQ ID : 26(antisense) binding site
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: (616)..(651)
/ OTHER INFORMATION: PCR primer SEQ ID : 27 binding site
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: (1312)..(1335)
/ OTHER INFORMATION: PCR primer SEQ ID : 28(antisense) binding site
/ FEATURE:
/ NAME/KEY: sig peptide
/ LOCATION: (1)..(60)
/ OTHER INFORMATION: signal peptide
US-10-363-427-1
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Query Match          90.4%; Score 694.4; DB 16; Length 1335;
Best Local Similarity 99.9%; Pred. No. 1.3e-171;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4 AGCAGAGCCCAATCTTGTGACAAACTCAGATGCGCCACCGTGCAGCACTGAACT 63
DB AGCAGAGCCCAATCTTGTGACAAACTCAGATGCGCCACCGTGCAGCACTGAACT 692
QY 64 CTTGGGGGGACCGTCACTCTTCTCTTCCCTCCCAAAACCCAGAGACCTCTATGATTC 123
DB 693 CTTGGGGGGACCGTCACTCTTCTCTTCCCTCCCAAAACCCAGAGACCTCTATGATTC 752
QY 124 CCGGACCCCTGAGGTCAATGCGGTGTGTGAGAGTGAAGCAGAGACCTGAGTCAA 183
DB 753 CCGGACCCCTGAGGTCAATGCGGTGTGTGAGAGTGAAGCAGAGACCTGAGTCAA 812
QY 184 GTTCAACTGTGACGTGACGCGGTGTGAGTGCATTAATGCCAAGCAAAAGCCGGAGGA 243
DB 813 GTTCAACTGTGACGTGACGCGGTGTGAGTGCATTAATGCCAAGCAAAAGCCGGAGGA 872
QY 244 GCAGTCAACAGCAGCAGTACCGGGGTGTGACGGTCTCAACGCTCTGACACGAGTGGCT 303
DB 873 GCAGTCAACAGCAGCAGTACCGGGGTGTGACGGTCTCAACGCTCTGACACGAGTGGCT 932
QY 304 GAATGGCAAGAGTACAGAGTCAAGGTCTCCAAAGAAAGCCCTCCAGGCCCTCATGAGAA 363
DB 933 GAATGGCAAGAGTACAGAGTCAAGGTCTCCAAAGAAAGCCCTCCAGGCCCTCATGAGAA 992
QY 364 AACCATCTCCAAAGCCAAAGGCGAGCCCGGAGAACCAAGGTGACACCCGCCCCATC 423
DB 993 AACCATCTCCAAAGCCAAAGGCGAGCCCGGAGAACCAAGGTGACACCCGCCCCATC 1052
QY 424 CCGGATGAGCTGACCAAGAACAGGTACGCTGACCTGCTGCTCAAGAGCTTCTATCC 483
DB 1053 CCGGATGAGCTGACCAAGAACAGGTACGCTGACCTGCTGCTGCTCAAGAGCTTCTATCC 1112
QY 484 CAGCAGCATGCGCGTGTGAGTGGAGAGCAATGGGCAAGCCGGAGAACCACTACAGACAC 543
DB 1113 CAGCAGCATGCGCGTGTGAGTGGAGAGCAATGGGCAAGCCGGAGAACCACTACAGACAC 1172
QY 544 GCCTCCCGTGTGAGTCCGACGCGCTCTCTTCTCTTCAAGAGCTCAACGTTGAGCAA 603
DB 1173 GCCTCCCGTGTGAGTCCGACGCGCTCTCTTCTCTTCAAGAGCTCAACGTTGAGCAA 1232
QY 604 GAGCAGGTGGCAGCAGGGGAAAGTCTTCTCATGCTCCGTGATGATGAGGCTTGACAA 663
DB 1233 GAGCAGGTGGCAGCAGGGGAAAGTCTTCTCATGCTCCGTGATGATGAGGCTTGACAA 1292
QY 664 CCACTACACGCAAGAGAGCTCTCTCTGTCTCCGGG 699
DB 1293 CCACTACACGCAAGAGAGCTCTCTCTGTCTCCGGG 1328
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RESULT 10
US-09-740-002-19
; Sequence 19, Application US/09740002
; Patent No. US20020001798A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: BRAMS, PETER
/ APPLICANT: MORROW, PHILLIP
/ TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES
/ TITLE OF INVENTION: SPECIFIC TO RSV F-PROTEIN AND METHODS FOR THEIR
/ TITLE OF INVENTION: MANUFACTURE AND THERAPEUTIC USE THEREOF
/ FILE REFERENCE: 037003-025759
/ CURRENT APPLICATION NUMBER: US/09/740,002
/ CURRENT FILING DATE: 2000-12-20
/ PRIOR APPLICATION NUMBER: 09/335,697
/ PRIOR FILING DATE: 1999-06-18
/ PRIOR APPLICATION NUMBER: 08/488,376
/ PRIOR FILING DATE: 1995-06-07
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 19
/ LENGTH: 1428
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (1)..(1425)
US-09-740-002-19
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Query Match          90.4%; Score 694.4; DB 9; Length 1428;
Best Local Similarity 99.9%; Pred. No. 1.4e-171;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 4 AGCAGAGCCCAATCTTGTGACAAACTCAGATGCGCCACCGTGCAGCACTGAACT 63
DB 726 AGCAGAGCCCAATCTTGTGACAAACTCAGATGCGCCACCGTGCAGCACTGAACT 785
QY 64 CTTGGGGGGACCGTCACTCTTCTCTTCCCTCCCAAAACCCAGAGACCTCTATGATTC 123
DB 786 CTTGGGGGGACCGTCACTCTTCTCTTCCCTCCCAAAACCCAGAGACCTCTATGATTC 845
QY 124 CCGGACCCCTGAGGTCAATGCGGTGTGTGAGAGTGAAGCAGAGACCTGAGTCAA 183
DB 846 CCGGACCCCTGAGGTCAATGCGGTGTGTGAGAGTGAAGCAGAGACCTGAGTCAA 905
QY 184 GTTCAACTGTGACGTGACGCGGTGTGAGTGCATTAATGCCAAGCAAAAGCCGGAGGA 243
DB 846 GTTCAACTGTGACGTGACGCGGTGTGAGTGCATTAATGCCAAGCAAAAGCCGGAGGA 905
QY 244 GCAGTCAACAGCAGCAGTACCGGGGTGTGACGGTCTCAACGCTCTGACACGAGTGGCT 303
DB 906 GCAGTCAACAGCAGCAGTACCGGGGTGTGACGGTCTCAACGCTCTGACACGAGTGGCT 965
QY 304 GAATGGCAAGAGTACAGAGTCAAGGTCTCCAAAGAAAGCCCTCCAGGCCCTCATGAGAA 363
DB 1026 GAATGGCAAGAGTACAGAGTCAAGGTCTCCAAAGAAAGCCCTCCAGGCCCTCATGAGAA 1085
QY 364 AACCATCTCCAAAGCCAAAGGCGAGCCCGGAGAACCAAGGTGACACCTGCCCCATC 423
DB 1086 AACCATCTCCAAAGCCAAAGGCGAGCCCGGAGAACCAAGGTGACACCTGCCCCATC 1145
QY 424 CCGGATGAGCTGACCAAGAACAGGTACGCTGACCTGCTGCTCAAGAGCTTCTATCC 483
DB 1146 CCGGATGAGCTGACCAAGAACAGGTACGCTGACCTGCTGCTGCTCAAGAGCTTCTATCC 1205
QY 484 CAGCAGCATGCGCGTGTGAGTGGAGAGCAATGGGCAAGCCGGAGAACCACTACAGACAC 543
DB 1206 CAGCAGCATGCGCGTGTGAGTGGAGAGCAATGGGCAAGCCGGAGAACCACTACAGACAC 1265
QY 544 GCCTCCCGTGTGAGTCCGACGCGCTCTCTTCTCTTCAAGAGCTCAACGTTGAGCAA 603
DB 1266 GCCTCCCGTGTGAGTCCGACGCGCTCTCTTCTCTTCAAGAGCTCAACGTTGAGCAA 1325
QY 604 GAGCAGGTGGCAGCAGGGGAAAGTCTTCTCATGCTCCGTGATGATGAGGCTTGACAA 663
DB 1326 GAGCAGGTGGCAGCAGGGGAAAGTCTTCTCATGCTCCGTGATGATGAGGCTTGACAA 1385
QY 664 CCACTACACGCAAGAGAGCTCTCTCTGTCTCCGGG 699
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Db 1386 CCACTACAGCAGAGAGCCTCTCCCTGTCTCCGGG 1421

RESULT 11
US-09-335-697B-19
Sequence 19, Application US/09335697B
Publication No. US20020081723A1
GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaïma Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/335.697B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/770,057
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Teakin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1428
US-09-335-697B-19
Query Match 90.4%; Score 694.4; DB 9; Length 1428;
Best Local Similarity 99.9%; Pred. No. 1,4e-171;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 AGCAGAGCCCAATCTTGTGACAAACTCAGATGCGCCAGCAGCCTGAACT 63
DB 726 AGCAGAGCCCAATCTTGTGACAAACTCAGATGCGCCAGCAGCCTGAACT 785
QY 64 CCGAGGAGGAGCAGTCTTCTCTCCGCCCAAAACCAAGAGCAGCCTGATGATCTC 123
DB 786 CCGAGGAGGAGCAGTCTTCTCTCCGCCCAAAACCAAGAGCAGCCTGATGATCTC 845
QY 124 CCGAGCCTCTGAGGTCAATGCGGTGTGTGAGCAGTGAAGCAGCAACCTTGAGGTCAA 183
DB 846 CCGAGCCTCTGAGGTCAATGCGGTGTGTGAGCAGTGAAGCAGCAACCTTGAGGTCAA 905

QY 184 GTTCAACTGTGATGAGCAGCGGTGTGAGGTGATTAATGCCAAGCAAAAGCCGGAGAGA 243
DB 906 GTTCAACTGTGATGAGCAGCGGTGTGAGGTGATTAATGCCAAGCAAAAGCCGGAGAGA 965
QY 244 GAGATCAACAGACAGTACCGGGTGTGACCGTCTTCAACCGTCTTGACAGAGATGGCT 303
DB 966 GAGATCAACAGACAGTACCGGTGTGACCGTCTTCAACCGTCTTGACAGAGATGGCT 1025
QY 304 GAATGCAAGGAGATTAACAAGTGCACAAAGCTTCCAAAGCCCTCCAGCCCTCCAGAGAA 363
DB 1026 GAATGCAAGGAGATTAACAAGTGCACAAAGCTTCCAAAGCCCTCCAGCCCTCCAGAGAA 1085
QY 364 AACCATCTCCAAAGCCAAAGGAGAGCCCGGAGAGACCAAGTGTACACCTGCCCCATC 423
DB 1086 AACCATCTCCAAAGCCAAAGGAGAGCCCGGAGAGACCAAGTGTACACCTGCCCCATC 1145
QY 424 CCGGATGAGCTGACCAAGAACAGGTCAGCTGACCTGCTGCTGCTGCTGCTGCTGCTGCT 483
DB 1146 CCGGATGAGCTGACCAAGAACAGGTCAGCTGACCTGCTGCTGCTGCTGCTGCTGCTGCT 1205
QY 484 CAGCGACATGCGCTGTGAGTGGAGAGCAATGGGAGCCGGAGAGCAACTACAAAGCCAC 543
DB 1206 CAGCGACATGCGCTGTGAGTGGAGAGCAATGGGAGCCGGAGAGCAACTACAAAGCCAC 1265
QY 544 GCCTCCCGTCTGAGCTCCGACGAGCTCTTCTCTTACAGCAAGCTCACCGTGAACA 603
DB 1266 GCCTCCCGTCTGAGCTCCGACGAGCTCTTCTCTTACAGCAAGCTCACCGTGAACA 1325
QY 604 GAGCAGGTGACAGCAGGAGGAGCGTCTTCTGATGCTGATGATGATGATGATGATGATGAT 663
DB 1326 GAGCAGGTGACAGCAGGAGGAGCGTCTTCTGATGCTGATGATGATGATGATGATGATGAT 1385
QY 664 CCACTACAGCAGCAAGAGCCTCTCCCTGTCTCCGGG 699
DB 1386 CCACTACAGCAGCAAGAGCCTCTCCCTGTCTCCGGG 1421

RESULT 12
US-10-384-356-19
Sequence 19, Application US/10384356
Publication No. US20040005323A1
GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaïma Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/384,356
FILING DATE: 10-Mar-2003
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Teakin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1428
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-10-384-356-19

Query Match Best Local Similarity 90.4%; Score 694.4; DB 17; Length 1428;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 4 AGCAGAGCCCAATCTTGATGACAAACTCACAATGCCACCGTGCAGACCTGAAT 63
DB 726 AGCAGAGCCCAATCTTGATGACAAACTCACAATGCCACCGTGCAGACCTGAAT 785
QY 64 CTTGGGGGGACCGTACGTCCTCTTCTCCCAAAACCCAGAGACACCTCATGATCTC 123
DB 786 CTTGGGGGGACCGTACGTCCTCTTCTCCCAAAACCCAGAGACACCTCATGATCTC 845
QY 124 CCGGACCCCTGAGGTCAATGCGTGTGTGTGACGTGAGCGACGAAACCTGAGTCAA 193
DB 846 CCGGACCCCTGAGGTCAATGCGTGTGTGTGACGTGAGCGACGAAACCTGAGTCAA 905
QY 184 GTTCAACTGTGACGTGACGCGCGTGTGAGGTGCATTAATGCCAAGACCGCGAGGA 243
DB 906 GTTCAACTGTGACGTGACGCGCGTGTGAGGTGCATTAATGCCAAGACCGCGAGGA 965
QY 244 GCAATACAGACGACGTAACCGGGGTGTCAGGCTCTCAACGCTCTGACCAAGATGAGCT 303
DB 966 GCAATACAGACGACGTAACCGGGGTGTCAGGCTCTCAACGCTCTGACCAAGATGAGCT 1025
QY 304 GAATGCGAAGAGTACAGTGTGACAGGTCTTCAACAAAGCCCTCCAGCCCTCATGAGAA 363
DB 1026 GAATGCGAAGAGTACAGTGTGACAGGTCTTCAACAAAGCCCTCCAGCCCTCATGAGAA 1085
QY 364 AACCATCTCCAAAGCCCAAGGCGACCCCGAGAACCAAGGTGTACACCTGCCCCATC 423
DB 1086 AACCATCTCCAAAGCCCAAGGCGACCCCGAGAACCAAGGTGTACACCTGCCCCATC 1145
QY 424 CCGGAGTGAAGCTGACCAAGAACCAAGGTCAAGCTGACCTGCTGTGAAAGGCTTATCC 483
DB 1146 CCGGAGTGAAGCTGACCAAGAACCAAGGTCAAGCTGACCTGCTGTGAAAGGCTTATCC 1205
QY 484 CAGCGACATGCGCGTGTGAGTGGAGAGCAATGGGCAAGCCGAGAACCACTACAGACAC 543
DB 1206 CAGCGACATGCGCGTGTGAGTGGAGAGCAATGGGCAAGCCGAGAACCACTACAGACAC 1265
QY 544 GCCTCCCGTGTGAGTCCGAGCGGCTCTTCTTCTTCAAGAACTCAACGTGTGACAA 603
DB 1266 GCCTCCCGTGTGAGTCCGAGCGGCTCTTCTTCTTCAAGAACTCAACGTGTGACAA 1325
QY 604 GAGCAGGTGTGACAGAGGGAACGTCTTCTTCAATGCTCCGTGATGACAGGCTCTGACAA 663
DB 1326 GAGCAGGTGTGACAGAGGGAACGTCTTCTTCAATGCTCCGTGATGACAGGCTCTGACAA 1385
QY 664 CCACTACAGCGAAGAGGCTCTCTCTGTCTCGGG 699
DB 1386 CCACTACAGCGAAGAGGCTCTCTCTGTCTCGGG 1421
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RESULT 13
US-10-325-698-19
Sequence 19, Application US/10325698
Publication No. US2004007651A1
GENERAL INFORMATION:

APPLICANT: BRAMS, PETER
APPLICANT: MORROW, PHILIP
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES
TITLE OF INVENTION: SPECIFIC TO RSV F-PROTEIN AND METHODS FOR THEIR
TITLE OF INVENTION: MANUFACTURE AND THERAPEUTIC USE THEREOF
FILE REFERENCE: 037003-0275759
CURRENT APPLICATION NUMBER: US/10/325,698
CURRENT FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: US/09/740,002
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/335,697
PRIOR FILING DATE: 1999-06-18
PRIOR APPLICATION NUMBER: 08/488,376
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 19
LENGTH: 1428
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(1425)
US-10-325-698-19

Query Match Best Local Similarity 90.4%; Score 694.4; DB 17; Length 1428;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 4 AGCAGAGCCCAATCTTGATGACAAACTCACAATGCCACCGTGCAGACCTGAAT 63
DB 726 AGCAGAGCCCAATCTTGATGACAAACTCACAATGCCACCGTGCAGACCTGAAT 785
QY 64 CTTGGGGGGACCGTACGTCCTCTTCTCCCAAAACCCAGAGACACCTCATGATCTC 123
DB 786 CTTGGGGGGACCGTACGTCCTCTTCTCCCAAAACCCAGAGACACCTCATGATCTC 845
QY 124 CCGGACCCCTGAGGTCAATGCGTGTGTGTGACGTGAGCGACGAAACCTGAGTCAA 183
DB 846 CCGGACCCCTGAGGTCAATGCGTGTGTGTGACGTGAGCGACGAAACCTGAGTCAA 905
QY 184 GTTCAACTGTGACGTGACGCGCGTGTGAGGTGCATTAATGCCAAGACCGCGAGGA 243
DB 906 GTTCAACTGTGACGTGACGCGCGTGTGAGGTGCATTAATGCCAAGACCGCGAGGA 965
QY 244 GCAATACAGACGACGTAACCGGGGTGTCAGGCTCTCAACGCTCTGACCAAGATGAGCT 303
DB 966 GCAATACAGACGACGTAACCGGGGTGTCAGGCTCTCAACGCTCTGACCAAGATGAGCT 1025
QY 304 GAATGCGAAGAGTACAGTGTGACAGGTCTTCAACAAAGCCCTCCAGCCCTCATGAGAA 363
DB 1026 GAATGCGAAGAGTACAGTGTGACAGGTCTTCAACAAAGCCCTCCAGCCCTCATGAGAA 1085
QY 364 AACCATCTCCAAAGCCCAAGGCGACCCCGAGAACCAAGGTGTACACCTGCCCCATC 423
DB 1086 AACCATCTCCAAAGCCCAAGGCGACCCCGAGAACCAAGGTGTACACCTGCCCCATC 1145
QY 424 CCGGAGTGAAGCTGACCAAGAACCAAGGTCAAGCTGACCTGCTGTGAAAGGCTTATCC 483
DB 1146 CCGGAGTGAAGCTGACCAAGAACCAAGGTCAAGCTGACCTGCTGTGAAAGGCTTATCC 1205
QY 484 CAGCGACATGCGCGTGTGAGTGGAGAGCAATGGGCAAGCCGAGAACCACTACAGACAC 543
DB 1206 CAGCGACATGCGCGTGTGAGTGGAGAGCAATGGGCAAGCCGAGAACCACTACAGACAC 1265
QY 544 GCCTCCCGTGTGAGTCCGAGCGGCTCTTCTTCTTCAAGAACTCAACGTGTGACAA 603
DB 1266 GCCTCCCGTGTGAGTCCGAGCGGCTCTTCTTCTTCAAGAACTCAACGTGTGACAA 1325
QY 604 GAGCAGGTGTGACAGAGGGAACGTCTTCTTCAATGCTCCGTGATGACAGGCTCTGACAA 663
DB 1326 GAGCAGGTGTGACAGAGGGAACGTCTTCTTCAATGCTCCGTGATGACAGGCTCTGACAA 1385
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/ REGISTRATION NUMBER: 35,030
/ REFERENCE/DOCKET NUMBER: 012712-131
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 703-836-6620
/ TELEFAX: 703-836-2021
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1431 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: not relevant
/ TOPOLOGY: linear
/ MOLECULE TYPE: peptide
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 1..1431
/ FEATURE:
/ NAME/KEY: mat_peptide
/ LOCATION: 1..1431
/
US-09-758-173-11

Query Match          90.4%; Score 694.4; DB 9; Length 1431;
Best Local Similarity 99.9%; Pred. No. 1.4e-171;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 AGCAGAGCCCAAACTTGTGACAAACTCACATGCCACCGTGCCAGACCTGAACT 63
Db      729 AGCAGAGCCCAAACTTGTGACAAACTCACATGCCACCGTGCCAGACCTGAACT 788
QY      64 CTTGGGGGGGACCGTCACTCTTCTCTTCCCGGAAAAACCGAGACACCTCATGATCTC 123
Db      789 CTTGGGGGGGACCGTCACTCTTCTCTTCCCGGAAAAACCGAGACACCTCATGATCTC 848
QY      124 CCGGACCCCTGAGGTCAATGCTGTGTGAGCTGAGCCAGAGACCAAGACCTGAGGTCAA 183
Db      849 CCGGACCCCTGAGGTCAATGCTGTGTGAGCTGAGCCAGAGACCAAGACCTGAGGTCAA 908
QY      184 GTTCAACTGTGACGTGACCGCGGTGAGAGGTGATTAATGCCAGACAAAGCCGCGGAGGA 243
Db      909 GTTCAACTGTGACGTGACCGCGGTGAGAGGTGATTAATGCCAGACAAAGCCGCGGAGGA 968
QY      244 GCAGTCAACAGACGTAACCGGGTGTCAAGCTCTCAACGTCCTGCACTGAGACTGGCT 303
Db      969 GCAGTCAACAGACGTAACCGGGTGTCAAGCTCTCAACGTCCTGCACTGAGACTGGCT 1028
QY      304 GAATGGCAAGAGTACAGTGAAGGTCTCCAAACAAAGCCCTCCAGCCCATCGAGAA 363
Db      1029 GAATGGCAAGAGTACAGTGAAGGTCTCCAAACAAAGCCCTCCAGCCCATCGAGAA 1088
QY      364 AACCATCTCCAAAGCCAAAGGAGCGCCCGAGAAACAAGGTGTACACCTGCCCCATC 423
Db      1089 AACCATCTCCAAAGCCAAAGGAGCGCCCGAGAAACAAGGTGTACACCTGCCCCATC 1148
QY      424 CCGGGATGAGCTGACCAAGAACCAAGTCAAGCTGACCTGCTGTGTAAGAGCTTCTATCC 483
Db      1149 CCGGGATGAGCTGACCAAGAACCAAGTCAAGCTGACCTGCTGTGTAAGAGCTTCTATCC 1208
QY      484 CAGCGCATTCGCGGTGAGTGGAGAGCAATGGGACCGGAGAACACTACAGACACAC 543
Db      1209 CAGCGCATTCGCGGTGAGTGGAGAGCAATGGGACCGGAGAACACTACAGACACAC 1268
QY      544 GCTTCCCTGTGCTGATCTCGACGGCTCTCTTCTCTCTACAGCAAGCTCACCGTGAACA 603
Db      1269 GCTTCCCTGTGCTGATCTCGACGGCTCTCTTCTCTCTACAGCAAGCTCACCGTGAACA 1328
QY      604 GAGCAGGTGGCAGCAGGGGAAAGCTTCTCATGCTCGTGAATGACATGAGGCTTGACAA 663
Db      1329 GAGCAGGTGGCAGCAGGGGAAAGCTTCTCATGCTCGTGAATGACATGAGGCTTGACAA 1388
QY      664 CCACTACAGCAGAAAGCTCTCCCTGTCTCCGG 639
Db      1389 CCACTACAGCAGAAAGCTCTCCCTGTCTCCGG 1424
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Search completed: March 8, 2005, 09:11:54
Job time : 511 secs